

Notice of Allowability

Application No.

10/530,520

Examiner

William H. Mayo III

Applicant(s)

DONAZZI ET AL.

Art Unit

2831

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to October 26 and November 8, 2007.
2. ☒ The allowed claim(s) is/are 28-49 and 51-59.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some* c) ☐ None of the:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☒ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- ☐ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☒ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____
- ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
- ☐ Notice of Informal Patent Application
- ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
- ☐ Examiner's Amendment/Comment
- ☒ Examiner's Statement of Reasons for Allowance
- ☐ Other _____

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on October 26, 2007 has been entered.

Information Disclosure Statement

2. The information disclosure statement filed November 8, 2007 has been submitted for consideration by the Office. It has been placed in the application file and the information referred to therein has been considered.

Allowable Subject Matter

3. Claims 28-49 and 51-59 are allowed.

4. The following is an examiner's statement of reasons for allowance: This invention deals with an electrical power transmission line, comprising: at least one electrical cable; a conduit of ferromagnetic material enclosing said at least one cable and comprising a base and a cover; and electrical contact elements electrically connecting said base and said cover, wherein said electrical contact elements, are selected from

the group of metal fusion joints and resilient members suitable to penetrate said ferromagnetic material (claim 1). This invention also deals with a 46. (Previously Presented) A method for screening the magnetic field generated by an electrical power transmission line comprising at least one electrical cable, said method comprising the steps of: placing said electrical cable in a conduit of ferromagnetic material comprising a base and a cover; coupling said base and said cover with an electrical contact element that penetrates said ferromagnetic material; and providing an electrical connection between said base and said cover having a conductance, per meter of length, of at least 150 Siemens/m (claim 46). This invention also deals with a method for screening the magnetic field generated by an electrical power transmission line comprising at least one electrical cable, said method comprising the steps of placing said electrical cable in a conduit of ferromagnetic material comprising a base and a cover; and providing an electrical connection between said base and said cover having a conductance, per meter of length, of at least 150 Siemens/m by realizing a metal fusion between said base and said cover (claim 58). This invention also deals with an electrical power transmission line, comprising: at least one electrical cable; a conduit of ferromagnetic material enclosing said at least one cable and comprising a base and a cover, said ferromagnetic material having a maximum relative magnetic permeability greater than 1,000; and electrical contact elements electrically connecting said base and said cover, wherein said electrical contact elements are selected from the group of metal fusion joints and resilient members suitable to penetrate said ferromagnetic

material (claim 59). The above stated claim limitations is not taught or suggested by the prior art of record.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Response to Arguments

5. Applicant's arguments filed October 26, 2007 have been fully considered and they are persuasive. Specifically, the applicant argument that " First, because Fasting expressly teaches inserting screws or friction bolts "through holes in the lids," Fasting does not teach or suggest at least "resilient members suitable to penetrate said ferromagnetic material," as recited by claim 28" nor the "Furthermore, neither Siewerth nor Fasting discloses a conduit of ferromagnetic material having a relative magnetic permeability greater than 1,000" is persuasive and therefore the claims have been allowed.

Communication

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to William H. Mayo III whose telephone number is (571)-


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272-1978. The examiner can normally be reached on M-F 8:30am-6:00 pm (alternate Fridays off).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Diego F.F. Gutierrez can be reached on (571) 272-2245 or (571) 272-2800 ext 31. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

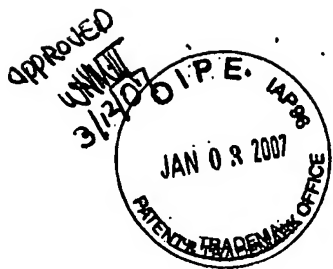
Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.


William H. Mayo III
Primary Examiner
Art Unit 2831

WHM III
December 10, 2007

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Replacement
Drawing Sheet

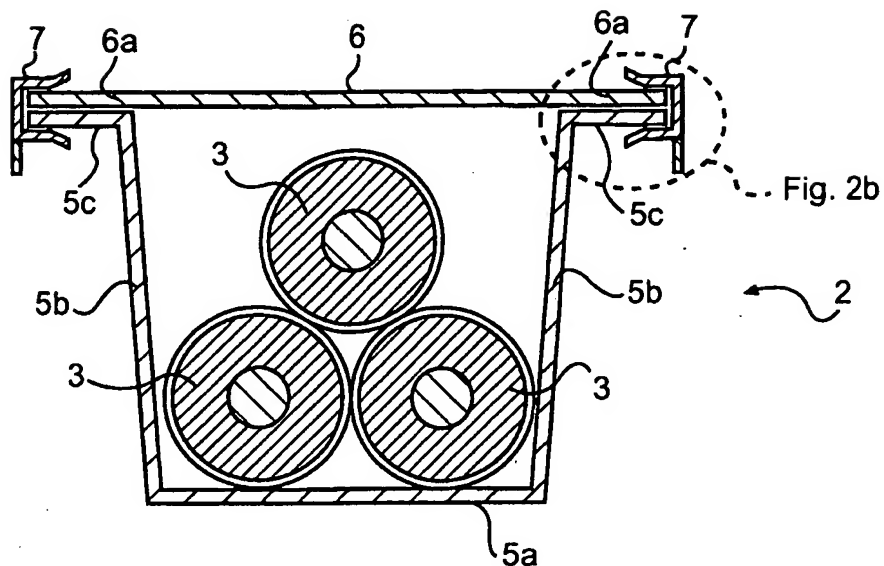


Fig. 2a

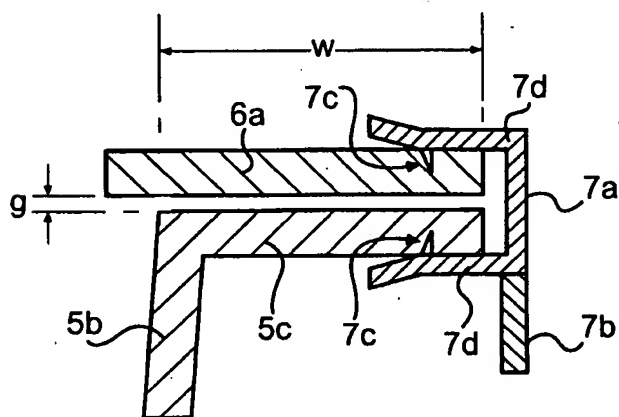


Fig. 2b

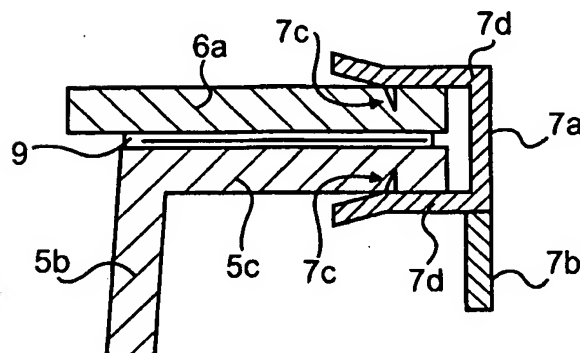


Fig. 2c